

**Abstract****TELECOMMUNICATION SYSTEM AS WELL AS A METHOD FOR THE OPERATION THEREOF**

- For protecting the data traffic, telecommunication systems comprise redundancies in assemblies or lines of data traffic units and clock handling units.
- When establishing units such as clock sources, the redundancy of the data traffic and of the clock handling must be separately indicated. This can lead to a situation wherein only the data traffic is redundant but not the clock handling. The invention is intended to enhance the operational dependability of the telecommunication system.
- First, a redundancy is defined and established either for a part of the data traffic units or a part of the clock handling units. A redundancy corresponding to the defined redundancy is then likewise established for the other part. The inventive telecommunication system comprises means for establishing a data traffic redundancy and means for establishing a clock redundancy that are connected to one another.
- Figure 1